

ABSTRACT OF THE DISCLOSURE

The invention relates to a local communication network between a first mobile set, such as a mobile telephone (1) and a second set (2), such as a fixed-line telephone, by means of a relay antenna (5) and a connection for data transmission (6), connecting the antenna (5) to a fixed radio-frequency station (7). The network is characterised in that the transmission connection is a wireless transmission connection of radio frequency. The invention is of application to communication between a mobile telephone and a fixed line telephone.